

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-324959

(43)Date of publication of application : 22.11.2001

(51)Int.CI.

G09G 3/34
G02B 26/08
G09G 3/20
H04N 5/66

(21)Application number : 2000-140864

(71)Applicant : NGK INSULATORS LTD

(22)Date of filing : 12.05.2000

(72)Inventor : TAKEUCHI YUKIHISA
NANATAKI TSUTOMU
OWADA IWAO
AKAO TAKAYOSHI

(30)Priority

Priority number : 11134899
2000067638

Priority date : 14.05.1999
10.03.2000

Priority country : JP

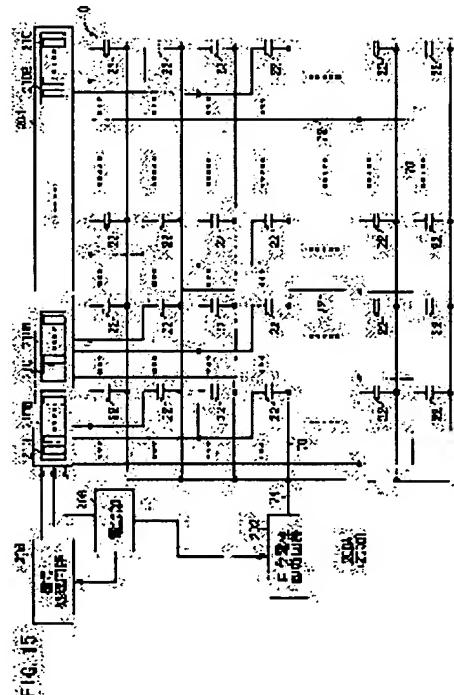
JP

(54) DEVICE AND METHOD FOR DRIVING DISPLAY

(57)Abstract:

PROBLEM TO BE SOLVED: To increase the degree of freedom for designing and manufacturing a display by facilitating to make a circuit for driving an actuator part into a customized IC.

SOLUTION: This display driving device is comprised of a row electrode driving circuit 202 packaged in the periphery of the display 10, a column electrode driving circuit 204, and a signal processing circuit 206 for controlling at least a column electrode driving circuit 204. The row electrode driving circuit 202 is configured so as to supply an offset potential (a bias voltage) to the row electrodes 48a of all the actuator parts 22 via common wiring 74 and each wiring 70, and is supplied with one kind of offset power source voltage from a power source part 208. The column electrode driving circuit 204 is configured to have driver outputs 210 of the number corresponding to the number of all dots, and is configured so as to output a data signal to each data line 72 of the display 10 in parallel and supply each data signal to all the dots. Each driver output 210 is supplied with two kinds of power source voltages for data also from the power supply part 208.



LEGAL STATUS

[Date of request for examination] 28.01.2002

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office